

**AMENDMENTS TO THE CLAIMS**

Claims 1-21 (Canceled)

22. (Previously presented): An electric cable comprising at least one conductor and at least one insulating layer, said insulating layer comprising a substantially lead-free polymer composition comprising as base polymer material an elastomer terpolymer having the following composition:

- a) 50-90 moles percent of ethylene;
- b) 10-50 moles percent of an  $\alpha$ -olefin; and
- c) 0.16-5 moles percent of 5-vinyl-2-norbornene;

the sum of the moles percent of a), b), and c) being 100, said terpolymer having a branching index of less than or equal to 0.5 and a molecular weight distribution index  $M_w/M_n$  of greater than or equal to 6.

23. (Currently Amended): An electric cable as claimed in claim 22, wherein the terpolymer has a Mooney viscosity [ML (1+4) at 125°C] of 10-80.

24. (Previously presented): An electric cable as claimed in claim 22, wherein the terpolymer has a branching index of less than or equal to 0.4.

25. (Previously presented): An electric cable as claimed in claim 22, wherein the polymer composition has a zinc oxide content of less than 10 phr.

26. (Previously presented): An electric cable as claimed in claim 25, wherein the zinc oxide content varies between 3 and 8 phr.

27. (Previously presented): An electric cable as claimed in claim 22, wherein the polymer composition comprises an elastomer mixture comprising the elastomer terpolymer mixed with at least one other polymer in a quantity of less than

or equal to 30 phr of the mixture and selected from polyolefins, thermoplastic propylene/ethylene polymers, ethylene/propylene elastomer copolymers, ethylene/propylene/diene elastomer copolymers, and mixtures thereof.

28. (Previously presented): An electric cable as claimed in claim 27, wherein the one other polymer is selected from low-density polyethylene, low-density linear polyethylene, and very low density polyethylene.

29. (Previously presented): An electric cable as claimed in claim 22, wherein the  $\alpha$ -olefin is  $\text{CH}_2=\text{CH-R}$ , where R is a linear or branched alkyl containing 2 to 10 carbon atoms.

30. (Previously presented): An electric cable as claimed in claim 29, wherein the  $\alpha$ -olefin is selected from propylene, 1-butene, 1-pentene, 1,4-methyl-1-pentene, 1-hexene, 1-octene, 1-decene, 1-dodecene and combinations thereof.

31. (Previously presented): An electric cable as claimed in claim 29, wherein the  $\alpha$ -olefin is propylene.

32. (Previously presented): An electric cable as claimed in claim 22, further comprising at least one layer with semiconductive properties comprising the polymer composition as claimed in claim 22 having a conductive filler dispersed therein.

Claims 33-42 (Canceled)

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